

ABSTRACT

A tearable hemostasis valve for use with a splittable sheath. The hemostasis valve may include grip tabs, which may be pulled in generally opposing directions. The opposing forces tear open the valve body open along a score line. The tearable hemostasis valve includes a snap fit arrangement for mounting to a neck-and-hub arrangement of a splittable sheath. When the valve is pressed down onto the neck-and-hub arrangement, the snap fit arrangement deforms outwardly to permit the hub to pass through and into the cavity. After the hub passes through, the annular sidewall seats snugly around the neck. When an operation is complete, the tearable hemostasis valve may be torn open and discarded. The splittable introducer sheath may be torn open along its longitudinal axis by grasping opposing sheath wings and pulling in opposite directions. As the sheath is split, it may be withdrawn from a body and discarded.